

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : ERICH LUGSCHEIDER Docket No.: 01-329
Serial No.: 09/856,335 Examiner : K. Bareford
Filed : May 18, 2001 Art Unit : 1762
For : MATERIAL FOR PRODUCING A CORROSION-
AND WEAR-RESISTANT LAYER BY THERMAL SPRAYING

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#17/0
heda
3/26/03

AMENDMENT UNDER 37 C.F.R. 1.111

Hon. Commissioner of Patents and Trademarks
U.S. Patent and Trademark Office
Washington, D.C. 20231

Dear Sir:

In response to U.S. Patent and Trademark Office Action
mailed November 12, 2002, please amend as follows:

IN THE CLAIMS

Please amend claims 1, 11, 13, 24, 28 and 32 as follows:

1. (Amended) A process for producing a corrosion- and wear-resistant layer on a substrate by spraying on an iron oxide-based material, characterised in that the iron oxide-based material which has at least 20% by weight of magnetite (Fe_3O_4 and/or Fe_2O_3) is applied by on-line controlled plasma spraying and in that the layer of the material is monitored by an on-line monitoring and control system.